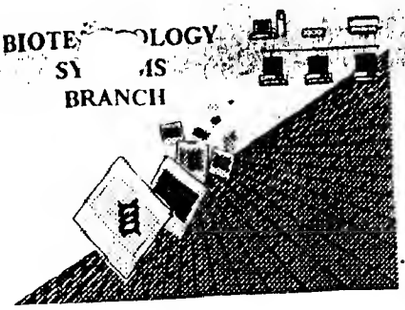
BIOTE[illegible]OLOGY
SY[illegible]MS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

#13
Plunkett
3/1/01

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 08/939,905A

Source: 1631

Date Processed by STIC: 2-9-01

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MAR 0 1 2001
TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

1631

RAW SEQUENCE LISTING
US/08/939,905A

A: Sequence Listing.txt
N:\CRF3\02092001\H939905A.raw

SEQUENCE LISTING

C--> 12 (v) COMPUTER READABLE FORM:

C--> 19 (A) APPLICATION NUMBER: US/08/939,905A
C--> 20 (B) FILING DATE: 29-Sep-1997

EP format not valid with US applications See correct format below

ERRORED SEQUENCES

Number of bases differ: 20 listed → 17 20

W--> 462 (ii) MOLECULE TYPE: DNA

E--> 466 CTTCCAAATA TCAACTCAAT

W--> 812 (ii) MOLECULE TYPE: prt

E--> 825 NIGVLTGDEG EIRLQCNEVN GDSFGLASVA SKDAKQFLVA QSK 283

(i) GENERAL INFORMATION:
(ii) APPLICANT:
(iii) TITLE OF INVENTION:
(iii) NUMBER OF SEQUENCES:
(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE:
(B) STREET:
(C) CITY:
(D) STATE:
(E) COUNTRY:
(F) ZIP:
(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE:
(B) COMPUTER:
(C) OPERATING SYSTEM:
(D) SOFTWARE:
(vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:
(vii) PRIOR APPLICATION DATA
(A) APPLICATION NUMBER:
(B) FILING DATE:
(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME:
(B) REGISTRATION NUMBER:
(C) REFERENCE/DOCKET NUMBER:
(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE:
(B) TELEFAX:
(C) TELEX:

Computer program does not recognize amino acids in single letter form possibly due to the amino acids being in groups of ten such as nucleic acids should be. Try three letter amino codes, 10 per line. This occurs in sequences, 15, 16, 17, 18, 19.

RAW SEQUENCE LISTING

A:\Sequence Listing.txt

W--> 846 (ii) MOLECULE TYPE: PRT

F--> 853 SFRAAMIEMG NIGVLTGNQG EIRFQCNEVN SESAELGLIN VASADSSEEG MVSSM 905

W--> 864 (ii) MOLECULE TYPE: PRT

E--> 879 FRAAMIEMGN IGVLIGTKGE IRFQCNEVNF VNSNSAELDL AIIASIVESL EDGIASVI 938

W--> 890 (ii) MOLECULE TYPE: PRT

E--> 906 GNIGVLTGTK GEIRFQCNFV NSNSAELDIA TIASIVESLE DGIASVI 947

W--> 917 (ii) MOLECULE TYPE: PRT

RAW SEQUENCE LISTING
US/08/939,905A

A- Sequence Listing.txt
E C:\CRF3\02092001\H939905A.raw

E- > 932 VASMIKMGNI GVLTGSQGET RIQLNAVRCN SSGLAIVVIK ESSEDGMASS E 351

VERIFICATION SUMMARY
US/08/939,905A

A:\Sequence Listing.txt
N: CRF3\020920041\H939905A.RAW

VERIFICATION SUMMARY
PS/08/939,905A

A:\Sequence Listing.txt
N:\CRF3\02092001\H939905A.raw